

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



**BROADENING REISSUE APPLICATION**



First Named Inventor: Noriyuki UMEZAWA et al.  
Title: METHOD AND APPARATUS FOR DISCRIMINATING TONER BOTTLE TYPES, STIRRING TONER, AND DETECTING THE AMOUNT OF REMAINING TONER

Patent Number: 6,289,182

Issue Date: September 11, 2001

**BROADENING REISSUE PATENT APPLICATION TRANSMITTAL**

**Box REISSUE**

Commissioner for Patents  
P.O. 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.173 is an application for reissue of  Utility Patent,  Design Patent or  Plant Patent as identified above:

[ X ] The entire contents of USP 6,289,182 and application Serial No. 09/506,370 (filed February 18, 2000) are incorporated herein by reference.

[ ] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

[ X ] Specification and Claims in dual column copy of patent format (26 pages of copy of Patent).

[ X ] Transmittal of Formal Drawings with 8 sheets of drawings containing Figures 1-12

[ X ] Application Data Sheet

[ X ] Original U.S. Patent currently assigned? [ X ] Yes [ ] No

If Yes, check applicable box(es)):

[ ] Assent of Assignee

[ ] 37 CFR § 3.73(b) Statement

Additional application parts enclosed:

- Offer to Surrender Original Patent
- Claim For Convention Priority
- Preliminary Remarks
- Return Receipt Postcard

The filing fee is calculated below:

	Claims as Filed	Included in Basic Reissue Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	54	- 20	= 34	x \$18.00	= \$612.00
Independents:	14	- 8	= 6	x \$84.00	= \$504.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$ 0.00
				SUBTOTAL:	= \$1,866.00
<input type="checkbox"/>	Small Entity Fees Apply (subtract ½ of above):				
	TOTAL FILING FEE:				

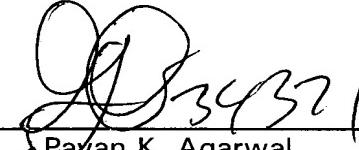
A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By:



Pavan K. Agarwal  
Registration No. 40,888

Date: September 10, 2003

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***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Noriyuki UMEZAWA et al.

Title: METHOD AND APPARATUS FOR DISCRIMINATING TONER BOTTLE TYPES, STIRRING TONER, AND DETECTING THE AMOUNT OF REMAINING TONER

Appl. No.: Unassigned

Filing Date: 09/10/2003

Examiner: Unassigned

Art Unit: Unassigned

**TRANSMITTAL OF FORMAL DRAWINGS**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

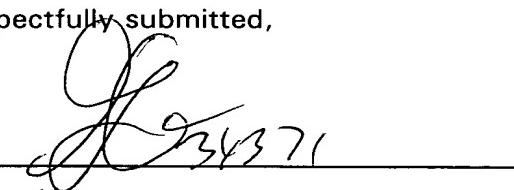
ATTENTION: DRAWING REVIEW BRANCH

Sir:

Transmitted herewith are the formal drawings (8 sheets, Figures 1-12) for the above-identified application. The Official Draftsperson is respectfully requested to approve these drawings for entry into the application.

Respectfully submitted,

By



Pavan K. Agarwal  
Attorney for Applicant  
Registration No. 40,888

Date September 10, 2003

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